

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A jaw implant comprising:
 2. a screw;
 3. an implant body having an implant head to which a permanent superstructure can be attached and a threaded bore extending from the implant head in the direction of a longitudinal axis of the implant body for engagement with the screw; and
 7. a temporary attachment for forming jaw tissue above the implant head, the temporary attachment being fastened with the screw to the implant body after the implant body has been inserted into a jawbone and before the superstructure is attached, positioned in an area where the superstructure will be located and removed before the superstructure is attached to the implant body, the temporary attachment having
 13. a base part;
 14. a head part; and
 15. a molded piece made of a biocompatible and elastic material located between the base part and the head part and having a circumference that is in direct contact with the jaw tissue, the screw passing through the head part, the molded piece and the base part and engaging the threaded bore to fasten the temporary attachment to the implant head, the molded piece being deformable under the action of the screw and transferring its deformation to surrounding generate axial pressure that enlarges the circumference, whereby the circumference is kept in close contact with the jaw tissue.

1 2. (Previously Presented) The jaw implant of claim 1, wherein the implant head has
2 a shape and wherein the base part has a first surface shaped to fit closely to the
3 implant head shape, and has a second surface in contact with the molded piece.

1 3. (Currently Amended) The jaw implant of claim 2, wherein the second surface of
2 the base part has a shape wedge-shaped profile that, under force from the
3 screw, ~~predetermines the type of deformation causes a two-sided expansion of~~
4 ~~the circumference of the molded piece so that the surrounding jaw tissue is~~
5 ~~formed accordingly.~~

1 4. (Currently Amended) The jaw implant of claim 1, wherein the head part has a
2 surface that is in contact with the molded piece and has a shape profile which,
3 under force from the screw, ~~predetermines the type of deformation of the molded~~
4 ~~piece so that the surrounding jaw tissue is formed accordingly a form in which the~~
5 circumference of the molded piece is enlarged.

1 5. (Currently Amended) The jaw implant of claim [[4]] 1, wherein the base part has a
2 surface in contact with the molded piece and wherein the base part surface and
3 the head part surface each have a convex shape profile which, under force of the
4 screw, ~~predetermines causes a barrel-shaped deformation enlargement of the~~
5 ~~circumference of the molded piece which is transferred to the surrounding jaw~~
6 ~~tissue.~~

1 6. (Currently Amended) The jaw implant of claim [[4]] 1, wherein the head part
2 surface has a shape profile which tapers toward the center of the molded piece
3 and ~~predetermines a deformation of the molded piece forms~~ in the area of the
4 head part lateral bulges on the molded piece under pressure generated by the
5 screw.

1 7. (Currently Amended) The jaw implant of claim 4 wherein the base part has a
2 surface in contact with the molded piece and wherein one of the base part

3 surface and the head part surface has a radially asymmetric shape profile
4 causing a radially asymmetric deformation of the molded piece under force
5 generated by the screw to extend expand the periphery circumference of the
6 molded piece in a predetermined radial direction.

1 8. (Currently Amended) The jaw implant of claim 7 wherein the predetermined
2 radial direction is selected by rotating at least one of the base part and the head
3 part are arranged to be rotatable around the longitudinal axis of the implant and
4 wherein a degree of rotation is selected to determine the predetermined direction
5 of the radially asymmetric deformation of the molded piece.

1 9. (Currently Amended) The jaw implant of claim 1, wherein the screw has a head
2 and wherein the head part of the temporary attachment is the screw head
3 omitted so that the screw head bears directly against the molded piece and
4 generates the axial pressure to compress the molded piece.

10. (Canceled).

1 11. (Previously Presented) The jaw implant of claim 1 wherein the molded piece has
2 a cylindrical shape.

1 12. (Previously Presented) The jaw implant of claim 1 wherein the molded piece has
2 a height at least equal to a thickness of gingival tissue layer over the jawbone.

1 13. (Previously Presented) The jaw implant of claim 1 wherein the molded piece is
2 fabricated of silicone material.

1 14. (Currently Amended) The jaw implant of claim 1 wherein the implant head forms
2 serves as the base part and directly contacts the molded piece to compress the
3 molded piece under the axial pressure generated by the screw.

1 15. (Previously Presented) The jaw implant of claim 1, wherein both the implant head
2 and the base part have radially asymmetrical surfaces that interlock to prevent
3 rotation of the base part with respect to the implant head.

1 16. (Previously Presented) The jaw implant of claim 1, wherein at least one of the
2 base part and the head part is fixedly attached to the molded piece.

1 17. (Currently Amended) The jaw implant of claim 1, wherein the threaded bore
2 receives a screw that fastens a superstructure to the implant body after the
3 temporary attachment has been removed from the implant body.

1 18. (Currently Amended) A jaw implant comprising:
2 an implant body with an implant head to which a permanent
3 superstructure can be attached and a threaded bore extending from the implant
4 head in the direction of a longitudinal axis of the implant body for engagement
5 with a screw that attaches a the superstructure to the implant body; and
6 a temporary attachment for forming jaw tissue above the implant head
7 after the implant body has been inserted into a jawbone and before the
8 superstructure is attached, positioned in an area where the superstructure will be
9 located and removed before the superstructure is attached to the implant body,
10 the temporary attachment having a head part; and a molded piece made of a
11 biocompatible and elastic material having a circumference that is in direct contact
12 with the jaw tissue, the screw passing through the head part and the molded
13 piece and engaging the threaded bore to fasten the temporary attachment to the
14 implant head, the molded piece being deformable generate axial pressure that
15 compresses the molded piece and enlarges the circumference when the screw is
16 tightened and transferring its deformation to surrounding jaw tissue, wherein the
17 implant head has a profile that predetermines the type of deformation of the
18 molded piece, thereby forming the surrounding, whereby the circumference is
19 kept in close contact with the jaw tissue accordingly.

1 19. (Previously Presented) The jaw implant of claim 18 wherein the implant head
2 comprises a profile in the form of opposing slopes which, after the implant has
3 been inserted into the jawbone, are exposed on buccal and lingual sides of the
4 jawbone and widen the molded piece under force of the screw to extend a
5 periphery of the molded piece in directions of the buccal and lingual sides.

1 20. (Currently Amended) The jaw implant of claim 18, wherein the screw has a head
2 and wherein the screw head serves as the head part of the temporary
3 attachment ~~is the screw head~~.

1 21. (Previously Presented) The jaw implant of claim 18 wherein the molded piece
2 has a cylindrical shape.

1 22. (Previously Presented) The jaw implant of claim 18 wherein the molded piece
2 has a height at least equal to a thickness of gingival tissue layer over the
3 jawbone.

1 23. (Previously Presented) The jaw implant of claim 1 wherein the molded piece is
2 fabricated of silicone material.

24. - 28. (Canceled)